

>EheI  
|||  
>NarI  
|||  
>KasI  
|||

2610 2620 2630 2640 2650 2660 2670 2680 2690 2700  
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GCCCGGAAACCCACTCTCCGATAAGCCGATAGTACCCGCTGTGCTGTAGCCGACGAGACTACGGCGGCACAAAGCCGACAGTCGCGTCCCCCGGGG

>PstI  
|  
>MscI  
|

2710 2720 2730 2740 2750 2760 2770 2780 2790 2800  
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CCAAAGAAAACAGCTTCTGGCTGGACAGGCCACGGGACTTACTTGACGCTCTGCTCCGTCGCGCCGATAGCACCGACCGGTGCTGCCCGCAAGGAACGGCT

>Tth111I  
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2810 2820 2830 2840 2850 2860 2870 2880 2890 2900  
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2910 2920 2930 2940 2950 2960 2970 2980 2990 3000  
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TTCATAGGTAGTACCAGACTGCTACGCGCCGACGATGCGAACTAGGCGGATGACGGGTAAAGTGGTGTTCGCTTTGTAGCGTAGCTCGCTCGTGC

3010 3020 3030 3040 3050 3060 3070 3080 3090 3100  
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ATGAGCTTACCTTCGCGCAGAACAGTAGTCTTACTAGACCTGCTTCTCTGTAGTCCCGGAGCGGGTGGCTTGACAAGCGGTCCGAGTTCGCGCGCTAC

3110 3120 3130 3140 3150 3160 3170 3180 3190 3200  
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>RsrII  
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3210 3220 3230 3240 3250 3260 3270 3280 3290 3300  
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3310 3320 3330 3340 3350 3360 3370 3380 3390 3400  
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3410 3420 3430 3440 3450 3460 3470 3480 3490 3500  
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3510 3520 3530 3540 3550 3560 3570 3580 3590 3600  
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>BsmI  
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>Bst1107I  
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3610 3620 3630 3640 3650 3660 3670 3680 3690 3700  
AAGCATTTTTTCTACTGCACTTCTAGTTGTGGTTTGTCCAACTCATCAATGTATCTTATCATGTCTGTATACCGTCGACCTCTAGCTAGAGCTTGGCGTA  
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3710 3720 3730 3740 3750 3760 3770 3780 3790 3800  
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TAGTACCAATATCGACAAAGGACACACTTTAACAATAGCGAGTGTTAAGGTGTGTGTATGCTCGGCTTCTGTATTTACATTTTCGGACCCACAGGATT

3810 3820 3830 3840 3850 3860 3870 3880 3890 3900  
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ACTCACTCGATTTGAGTGTAAATTAAGCAACGCGAGTGACGGCGAAAGGTCAGCCCTTTGGACAGCAGGTCGACGTAACTTACTTAGCCGGTTGCGCGCC

3910 3920 3930 3940 3950 3960 3970 3980 3990 4000  
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CCTCTCCCGCAACGATTAACCCGCGAGAAGGCGAAGGAGCGAGTGACTGAGCGACGCGAGCCAGCAAGCCGACCGCTCGCCATAGTCGAGTGAGTTT

4010 4020 4030 4040 4050 4060 4070 4080 4090 4100  
GGCGGTAACTACGGTTATCCACAGAACTAGGGGATAACGAGGAAAGAAATGTGAGCAAAAGGCCAGCAAAAGGCCAGGAACGTAATAAAGGCCGCGT  
CCGCCATTAATGCCAATAGGTGCTTATGTCCTTATGCTGCTTCTTGTACACTGCTTTCCGGTCTGTTTCCGGTCTTGGCATTTTCCGGCGCAAC

4110 4120 4130 4140 4150 4160 4170 4180 4190 4200  
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GACCGCAAAAAGGTATCCGAGGCGGGGGGACTGCTCGTAGTGTGTTTGTAGCTGCGAGTTCAGTCTCCACCGCTTTGGGCTGTCTGATATTCTATGCTCC

4210 4220 4230 4240 4250 4260 4270 4280 4290 4300  
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GCAAGGGGGACCTTTCAGGGGACGACGCGAGAGGACAGGCTGGGACGGCGAATGCGCTATGACAGCGGGAAGAGGGGAAGCCCTTCGCACCGCGAAG

4310 4320 4330 4340 4350 4360 4370 4380 4390 4400  
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4410 4420 4430 4440 4450 4460 4470 4480 4490 4500  
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**<sup>35</sup>S-Labelled *in vitro* Translated Products of  
pWNVCh-DJY and pWNVcy-DJY**

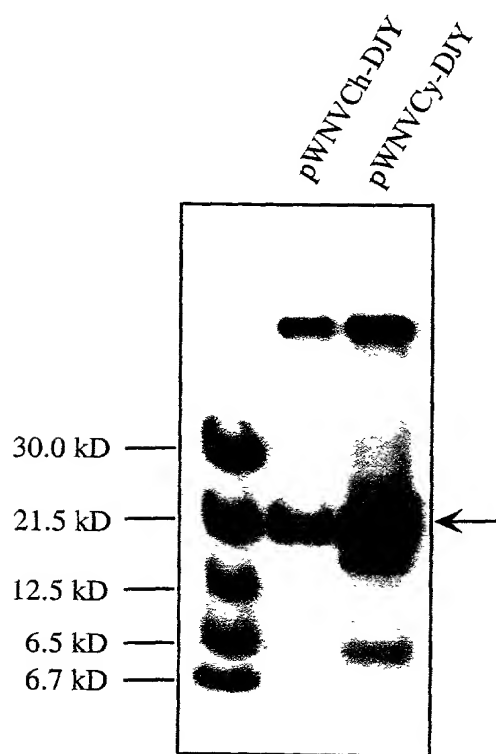


Fig 8

# WNV Capsid (Cp) Peptides - Location and Sequences

WNV Cp Amino Acid Sequence	10	20	30	40	50	60	70	80	90	100	110	120
	MSKKPGGPGKSRVAVNMLKRGMPRVLSLIGLKRAMLSLIDGKGPIRFVLALLAFTFTAIAPTRAVLDRWGVNQTAMKHLLSFKKELGTLTSAINRRSSKQKKRGKGTGIAVMIGLIASVGA											
Peptide Seq. Peptide Name	SKKPGGPGKSRVAVNMLKRGMPR			KRAMLSLIDGKGPIRFVLA			TLTSAINRRSSKQKKRGKGTGI			WNVC-P3		
	WNVC-P1			WNVC-P2								

Fig. 9